



- $X_1$  = Height of Backwall (with no approach slab)  
 = Slab + Haunch + Beam + Brg Pad + Brg Buildup  
 $X_2$  = Height of Backwall (with approach slab)  
 = Deduct thickness of approach slab (1'-1" typical) from  $X_1$

Fig. 3-3